

Philips
LCD monitor

140 cm (55")

Autostereoscopic 3D Full HD

BDL5571VS



Experience 3D with stunning depth

and 28 lenticular views

Broadcast your marketing messages in style with the slim bezel 140 cm (55") LCD display. An amazing 3D experience without glasses awaits, bringing a new level of cool to your marketing messages.

Stunning 3D experience

- 3D Content Visualisation
- 3D Dual Mode Display
- 3D System Solution

Operational flexibility

- Autostereoscopic 3D
- 120 Hz Panel
- Many Functions. One Wire
- Display Port for faster graphics support
- Network Controllability: RJ45
- Module for DVI out capabilities
- Smart insert in the backcover to place a small pc

Optimized for public viewing

- Full HD LCD display, 1920x1080p
- Slim bezel design for a stylish look

PHILIPS
sense **and** simplicity

Highlights

Autostereoscopic 3D

Enjoy a stunning 3D experience with no need for special glasses thanks to the autostereoscopic 3D effect. Using lenticular technology, it gives excellent clarity and depth, making your 3D experience even more lifelike and enjoyable.

3D Content Visualisation

The 2D-plus-Depth format is compatible with existing compression tools, as the additional bandwidth of the depth is small. Software tools are provided with the 3D display to play-out 3D content and control the 3D and 2D visualization parameters. The actual 3D content can be created via plug-ins available for popular 3D animation software packages. Existing 2D or stereo content can be converted into 2D-plus-Depth format. Tools are available to support real-time extraction and usage of the depth information from Direct3D or OpenGL applications, and thus real-time visualisation on the 3D display.

3D Dual Mode Display

Our displays offer autostereoscopic 3D for professional applications, that brings you today's best 3D viewing experiences by using unique technology. Slanted multi-view lenticular lens technology affords full brightness and contrast, and allows multiple users to view 3D content at the same time. The display is based on a high resolution panel and thus enables great picture quality and true color representation in 2D and 3D mode. The integrated rendering core offers content creators and end-users full control over the quality and depth-effect characteristics of the picture.

3D System Solution

The display can be applied in a broad range of applications, since it can be operated in both 2D and 3D mode. The system solution is designed for maximum reuse of content/concepts from the 2D world. The key enabler for this is the flexible 2D-plus-Depth format that allows decoupling of content creation and content visualization. This allows applications where different 3D display screen sizes and designs can be applied in the same system. The rendering core integrated in the autostereoscopic 3D displays supports the unique Declipse image format which enables a true look-around 3D effect.

Optional DVI Module

Create a digital video wall of up to 9 displays in a 3 x 3 configuration with the optional DVI module. Simply slide the module in to the open slot on the side of the display, then connect the DVI out port to a DVI in of another display to create the most stunning video wall experience around.

120 Hz Panel

Enjoy stunningly clear video images thanks to the 120 Hz panel. Even fast moving action scenes can be seen with no blur, enhancing your viewing experience.

Smart insert

Professional PC's are part of most public signage installations. Quite often they add additional depth to the public display and a lot of cable clutter. This public display contains a Smart insert in the backcover that will fit many professional small form factor PC's. In addition it offers provisions for efficient cable management.

One Wire

Take full control of your display by running all operational commands as well as your video signal through just one single HDMI cable. This unique feature makes it so much easier and more convenient to ensure the smooth running and maintenance of your display. Consumer Electronics Control (CEC) commands make finding out vital information about your display absolute child's play.

RJ45

Simple management of your display is available thanks to the introduction of a LAN (RJ45) port. You can configure each display or find out the status of each device quickly and conveniently via an RJ45 connection.

Slim bezel

A slim bezel design adds a stylish look to a public display to nicely blend in most environments. Furthermore this design is ideal for tiled matrix video walls.

Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.



Specifications

Picture/Display

- Diagonal screen size: 55 inch / 140 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 1300:1
- Response time (typical): 10 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Display colors: 1.06 Billion colors
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Display technology: 120 Hz Panel
- Pixel pitch: 0.63 x 0.63 mm
- 3D Technology: Autostereoscopic 3D display, Fixed Lenticular 3D Technology, Input Format: 2D plus depth

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1440 x 900	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz

Connectivity

- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1, RJ45
- AV input: HDMI x1, Audio (L/R) x2, Component (BNC) x1
- AV output: Audio (L/R) x1
- Other connections: Display Port, AC-out, External loudspeaker connector

Convenience

- Placement: Landscape
- Tiled Matrix: 5 x 5
- Picture in picture: PBP, PIP, POP
- Screen saving functions: Pixel shift, Low bright

- Signal Loop Through: RS232, VGA, DVI (Optional)
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced color control
- Packaging: Reusable box
- Network controllable: RS232, RJ45

Dimensions

- Bezel thickness: 19.5mm/0.8"
- Smart insert (WxHxD): 300 x 320 x 64
- Smart insert in inch (WxHxD): 11.81 x 11.89 x 2.52
- Set dimensions (W x H x D): 1252.1 x 722.9 x 121.8 mm
- Set dimensions in inch (W x H x D): 49.3 x 28.5 x 4.8 inch
- Set dimensions with stand (H x D): 773.2 x 405.1 mm
- Set dimensions with stand in inch (H x D): 30.4 x 15.95 inch
- Product weight: 80 kg
- Product weight (lb): 176
- VESA Mount: 400x400mm (Set), 100x100mm (Smart insert)

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 60,000 hour(s)

Power

- Consumption (On mode): Typ. 214W
- Standby power consumption: < 1W (One Wire and RS232 active)

Sound

- Built-in speakers: 2 x 12 W (8 ohm)

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Optional accessories: DVI Out Module (CRA71), Fixed wall mount, Flexible wall mount, Ceiling mount
- Stand: BM05211

Miscellaneous

- Warranty: Europe/North America: 1 year
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS, UL/cUL

Packaging dimensions

- Packaging dimensions (W x H x D): 167 x 105 x 30 cm
- EAN: 87 12581 62642 6
- Gross weight: 42.3 kg
- Nett weight: 38.7 kg
- Number of products included: 1
- Packaging type: Carton
- Tare weight: 3.6 kg

Product dimensions

- Product dimensions (W x H x D): 125 x 72.29 x 12.3 cm
- Product dimensions with stand (H x D): 102.2 x 42.3 cm
- Weight: 26.4 kg
- Weight (with stand): 55.5 kg



Issue date 2012-04-24

Version: 5.3.2

12 NC: 8670 000 85083
EAN: 87 12581 62642 6

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